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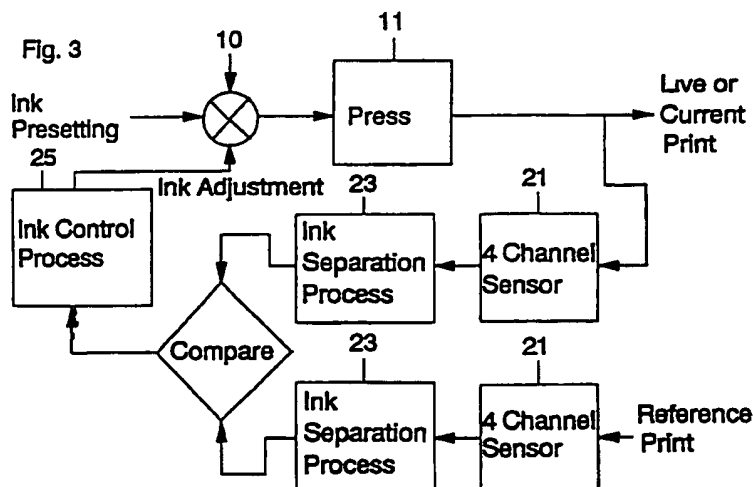
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(54) **Ink separation device for printing press ink feed control**

(57) An ink separation device for a printing press ink feed control having a device for printing a color chart having randomly distributed color patches, and recording the cyan, magenta, yellow and black ink dot sizes (CMYK) for each color patch, a device for measuring the red, green, blue and infrared reflection value (RGBI) from each color patch, and recording the RGBI value for each of the color patches, a device for defining a transfer function which maps a four-dimensional RGBI vector into a four-dimensional CMYK vector, a device for forming RGBI measurements over a reference copy, and

transferring each of the RGBI measurements into the corresponding CMYK ink dot size value, a device for forming RGBI measurements over a production copy, and transferring each of the RGBI measurements into the corresponding CMYK ink dot size value, a device for forming the dot size ratio between the production copy and the reference copy to form the ink volume ratio between the reference and production copies and a device for adjusting and ink feed rate of the press.





European Patent
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EUROPEAN SEARCH REPORT

Application Number
EP 96 11 5810

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
A	EP 0 658 428 A (ROCKWELL INTERNATIONAL) 21 June 1995 * the whole document *	1	B41F33/00
A	EP 0 598 490 A (QUAD/TECH) 25 May 1994		
			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			B41F
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 4 February 1999	Examiner Loncke, J
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**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 96 11 5810

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The members are as contained in the European Patent Office EDP file on
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04-02-1999

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